

ABSTRACT

The present invention relates to methods of producing syndiotactic polypropylene articles through high performance nucleation via the presence of certain novel nucleating agents within molten syndiotactic resins, and subsequently permitting the resultant molten mixture to cool into a selected shape or configuration. Such novel nucleating agents are new classes of hyper-nucleators that promote crystallization within such target syndiotactic resins at levels well above any previously disclosed nucleators. This invention thus also encompasses the articles and compositions of such nucleated syndiotactic polypropylene as well.